

Amendment and Response under 37 C.F.R. 1.116

Applicant: Kurt Thiessen et al.

Serial No.: 10/607,892

Filed: June 27, 2003

Docket No.: 100110947-1

Title: SYSTEM AND METHOD OF PRINTING WITHIN CIRCULAR AREA

REMARKS

The following Remarks are made in response to the Final Office Action mailed June 1, 2005, in which claims 1-3, 7-15, 19-27, 31-38, 40, and 42-49 were rejected. Claims 5, 6, 17, 18, 29, 30, 40, and 41 have been withdrawn from consideration as being directed to a non-elected species.

With this Amendment, claim 47 has been cancelled without prejudice, and claim 48 has been rewritten in independent form. Claims 1-3, 7-15, 19-27, 31-38, 42-46, and 48-49, therefore, are presented for reconsideration and allowance.

Claim Rejections under 35 U.S.C. § 102 and 35 U.S.C. § 103

Claim 47 is rejected under 35 U.S.C. 102(b) as being anticipated by Yuji JP0631906.

With this Amendment, claim 47 has been cancelled without prejudice and claim 48 has been rewritten in independent form. The rejection of claim 47 under 35 U.S.C. 102(b), therefore, is rendered moot.

Claims 1-3, 7-15, and 19-24 are rejected under 35 U.S.C. 102(b) as being anticipated by Bradshaw et al. U.S. Patent No. 6,264,295. Claims 25-27, 29-38, and 42-46 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bradshaw et al. U.S. Patent No. 6,264,295 in view of Yuji JP0631906. Claims 48 and 49 are rejected under 35 U.S.C. 103(a) as being unpatentable over Bradshaw et al. U.S. Patent No. 6,264,295 in view of Yuji JP0631906.

Applicant respectfully traverses these rejections.

Independent claim 1 includes printing substantially perpendicular to the radius of the circular area of the media, and independent claim 13 recites that the printhead is adapted to print substantially perpendicular to the radius of the circular area of the media. In addition, independent claim 25 includes printing substantially perpendicular to the radius of the optical data storage disk, and independent claim 36 recites that the printhead is adapted to print substantially perpendicular to the radius of the optical data storage disk. In addition, rewritten independent claim 48 recites that the printhead is adapted to print substantially perpendicular to the radius of the optical data storage disk.

With respect to Bradshaw and Yuji, neither of these references, individually or in combination, teach or suggest a method of printing as claimed in independent claim 1, a system for printing as claimed in independent claim 13, a method of printing and recording as

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claimed in independent claim 25, a system for printing and recording as claimed in independent claim 36, nor a system for processing an optical data storage disk as claimed in independent claim 48.

For example, as suggested by the title "Radial Printing System and Methods," the Bradshaw reference discloses a printing system configured to "print radially" onto a rotating media with a head assembly that "radially dispenses ink" onto the print media such that the print head prints "along a radial line" with respect to the rotating media (col. 4, line 58 - col. 5, line 1). As such, the head assembly 210 of the Bradshaw reference moves along a radial direction 212 and represents a mechanism for "radially printing" onto media 220 while the media 220 rotates in a circular direction 214 (col. 5, lines 46-61; Fig. 2).

Reference numeral 214 of the Bradshaw reference, therefore, illustrates the circular direction in which media 220 rotates not the direction in which the head assembly 210 prints. Radial printing of the Bradshaw reference is illustrated, for example, by printed lines 702 and 704 of Fig. 7. By printing along a radial line, the Bradshaw reference, therefore, prints parallel with a radius of the media. Independent claims 1, 13, 25, 36, and 48 of the present application, however, each include printing perpendicular to a radius of the media.

In view of the above, Applicant submits that independent claims 1, 13, 25, 36, and 48 are each patentably distinct from the Bradshaw and Yuji references and, therefore, are each in a condition for allowance. Furthermore, as dependent claims 2, 3, and 7-12 further define patentably distinct claim 1, dependent claims 14, 15, and 19-24 further define patentably distinct claim 13, dependent claims 26, 27, and 31-35 further define patentably distinct claim 25, dependent claims 37, 38, and 42-46 further define patentably distinct claim 36, and dependent claim 49 further defines patentably distinct claim 48, Applicant submits that these dependent claims are also in a condition for allowance. Applicant, therefore, respectfully requests that the rejections of claims 1-3, 7-15, and 19-24 under 35 U.S.C. 102(b) and claims 25-27, 29-38, 42-46, and 48-49 under 35 U.S.C. 103(a) be reconsidered and withdrawn and that claims 1-3, 7-15, 19-27, 31-38, 42-46, 48, and 49 be allowed.

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CONCLUSION

In view of the above, Applicant respectfully submits that pending claims 1-3, 7-15, 19-27, 31-38, 42-46, and 48-49 are all in a condition for allowance and requests reconsideration of the application and allowance of all pending claims.

Any inquiry regarding this Amendment and Response should be directed to either Robert D. Wasson at Telephone No. (360) 212-2338, Facsimile No. (360) 212-3060 or Scott A. Lund at Telephone No. (612) 573-2006, Facsimile No. (612) 573-2005. In addition, all correspondence should continue to be directed to the following address:

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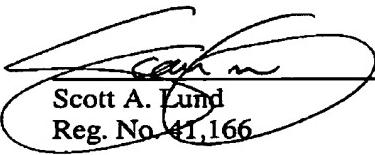
Respectfully submitted,

Kurt Thiessen et al.,

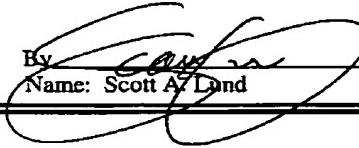
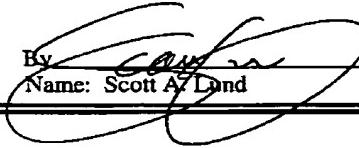
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CERTIFICATE UNDER 37 C.F.R. 1.8: The undersigned hereby certifies that this paper or papers, as described herein, are being facsimile transmitted to the United States Patent and Trademark Office, Fax No. (571) 273-8300 on this 26TH day of July, 2005.


By 
Name: Scott A. Lund